

1 ABSTRACT OF THE INVENTION

2 An extruded wire of sodium metal is cold rolled into a thin foil
3 and passed through a misting chamber coating both surfaces with a
4 depolarizing agent and subsequently encased in an aluminized polymer
5 membrane forming a consumable electrode for second generation fuel
6 cells. In an alternate method of construction a polymer bead chain is
7 attached at one edge of the electrode to facilitate its travel through the
8 chemically reacting electrolyte.
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28